

## Refine Search

### Search Results -

Terms	Documents
L10 and 562/\$	4

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
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 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L11

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DATE: Monday, March 12, 2007    [Purge Queries](#)    [Printable Copy](#)    [Create Case](#)

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result set

*DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ*

L11    L10 and 562/\$    4    L11

L10    L9 and (oxid\$7 or distil\$& or crystal\$6)    119    L10

L9    L6 and steam and heat    124    L9

L8    L7 and heat    3    L8

L7    L6 and steam and ejector    3    L7

L6    thermal energy and aromatic carboxylic acid    484    L6

L5    thermal eneregy and aromatic carboxylic acid    0    L5

*DB=PGPB; PLUR=YES; OP=ADJ*

L4    20050176992    1    L4

*DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ*

L3    L2 and 562/\$    0    L3

L2    recover\$8 thermal energy.ti.    87    L2

*DB=USPT; PLUR=YES; OP=ADJ*

L1    recover\$8 thermal energy.ti.    9    L1

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**Search Results - Record(s) 1 through 4 of 4 returned.**

☐ 1. Document ID: US 20050176992 A1

L11: Entry 1 of 4

File: PGPB

Aug 11, 2005

PGPUB-DOCUMENT-NUMBER: 20050176992

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050176992 A1

TITLE: Steam recompression in carboxylic acid processes

PUBLICATION-DATE: August 11, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Lin, Robert	Kingsport	TN	US
Bellner, Steven Paul	Kingsport	TN	US

US-CL-CURRENT: 562/412; 165/47

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 2. Document ID: US 20050010066 A1

L11: Entry 2 of 4

File: PGPB

Jan 13, 2005

PGPUB-DOCUMENT-NUMBER: 20050010066

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050010066 A1

TITLE: Process for energy recovery in processes for the preparation of aromatic carboxylic acids

PUBLICATION-DATE: January 13, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Lin, Robert	Kingsport	TN	US

US-CL-CURRENT: 562/414; 122/406.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 3. Document ID: US 7049465 B2

L11: Entry 3 of 4

File: USPT

May 23, 2006

US-PAT-NO: 7049465

DOCUMENT-IDENTIFIER: US 7049465 B2

**\*\* See image for Certificate of Correction \*\***TITLE: Process for energy recovery in processes for the preparation of aromatic carboxylic acids

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20050010066 A1

January 13, 2005

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 4. Document ID: US 5961942 A

L11: Entry 4 of 4

File: USPT

Oct 5, 1999

US-PAT-NO: 5961942

DOCUMENT-IDENTIFIER: US 5961942 A

TITLE: Effluent gas treatment

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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**Search Results - Record(s) 1 through 9 of 9 returned.**☐ 1. Document ID: US 6878474 B2

L1: Entry 1 of 9

File: USPT

Apr 12, 2005

US-PAT-NO: 6878474

DOCUMENT-IDENTIFIER: US 6878474 B2

TITLE: System and method for recovering thermal energy from a fuel processing system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 2. Document ID: US 6465118 B1

L1: Entry 2 of 9

File: USPT

Oct 15, 2002

US-PAT-NO: 6465118

DOCUMENT-IDENTIFIER: US 6465118 B1

TITLE: System and method for recovering thermal energy from a fuel processing system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 3. Document ID: US 5658361 A

L1: Entry 3 of 9

File: USPT

Aug 19, 1997

US-PAT-NO: 5658361

DOCUMENT-IDENTIFIER: US 5658361 A

TITLE: Apparatus for purifying hot flue gas and for recovering thermal energy therefrom

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 4. Document ID: US 4774811 A

L1: Entry 4 of 9

File: USPT

Oct 4, 1988

US-PAT-NO: 4774811

DOCUMENT-IDENTIFIER: US 4774811 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Apparatus for recovering thermal energy from engine

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMMC	Draw D
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☐ 5. Document ID: US 4617878 A

L1: Entry 5 of 9

File: USPT

Oct 21, 1986

US-PAT-NO: 4617878

DOCUMENT-IDENTIFIER: US 4617878 A

TITLE: Process and device for recovery of thermal energy in a steam generating system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMMC	Draw D
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☐ 6. Document ID: US 4464909 A

L1: Entry 6 of 9

File: USPT

Aug 14, 1984

US-PAT-NO: 4464909

DOCUMENT-IDENTIFIER: US 4464909 A

TITLE: Method of recovering thermal energy by heat pump from sea water and comparable water masses

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMMC	Draw D
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☐ 7. Document ID: US 4332139 A

L1: Entry 7 of 9

File: USPT

Jun 1, 1982

US-PAT-NO: 4332139

DOCUMENT-IDENTIFIER: US 4332139 A

TITLE: Method for storage and recovery of thermal energy

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMMC	Draw D
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☐ 8. Document ID: US 4231842 A

L1: Entry 8 of 9

File: USPT

Nov 4, 1980

US-PAT-NO: 4231842

DOCUMENT-IDENTIFIER: US 4231842 A

TITLE: Recovery of thermal energy from a thermomechanical pulp plant

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 9. Document ID: US 3884194 A

L1: Entry 9 of 9

File: USPT

May 20, 1975

US-PAT-NO: 3884194

DOCUMENT-IDENTIFIER: US 3884194 A

TITLE: RECOVERY OF THERMAL ENERGY FROM THE EXHAUST GASES OF AN INTERNAL COMBUSTION ENGINE

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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